

Top Ten Highest Historical Crests: Susquehanna River at Meshoppen

Latitude: 41.607

Period of Record: 1972-Present

Longitude: -76.051

Flood Stage: 27

Last Flood: 9/8/2011

Total Number of Floods: 28

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
9/8/2011	44.48	293,000	The remnants of tropical storm (TS) Lee moved up the Appalachian Mountains and interacted with a quasi-stationary east-west frontal boundary. 10 to 15 inches fell at numerous locations in Central PA and NY.
6/23/1972	43.51	331,500	Hurricane Agnes made landfall again over southeastern New York on June 22 and moved westward into Pennsylvania. Rainfall totals from June 20-25 range from 2-3 inches in the Upper Potomac to 18 inches near Shamokin, Pennsylvania.
1/20/1996	36.34	226,000	Southerly winds, high dewpoints and intense rainfall caused a rapid snowmelt. The resultant flooding was the worst to hit the entire MARFC area since 1972.
9/18/2004	35.27	188,000	The remnants of Hurricane Ivan, combined with a cold front, produced an average rainfall amount of 2-4 inches in NY, 3-7 inches in PA, 1-3.5 inches in NJ and 2 inches in WV.
3/6/1979	35.06	207,000	Severe ice jamming caused flooding of many rivers including the Susquehanna and Chenango Rivers.
4/4/2005	34.06	175,000	A Maddox Synoptic Type system produced 1-2.5 inches of rainfall over the North Branch Susquehanna and Lower Potomac, and 2-4 inches of rain over New Jersey and Pennsylvania.
12/16/1983	33.39	185,000	Rainfall totals from 2 successive low pressure systems from 1 to 4 inches throughout the area.
4/6/1984	33.03	181,000	An unusually wet winter and frozen ground preceded the passage of a low pressure system. The system dumped over an inch of rain throughout the area, but portions of New Jersey received up to 8 inches of rain.
2/16/1984	32.91	179,000	A strong closed low pressure system moved through the region and was quickly followed by a secondary low pressure system. Rainfall from both systems totaled 2 - 4 inches and widespread flooding was reported in 5 states.

Drainage Area: 8720 sq mi

Gage Datum: 559.76 ft MSL

Upper Main Stem Susquehanna Basin

County of Gage: Wyoming

County of Forecast Point: Wyoming

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
6/28/2006	32.78	163,000	A stationary front and thunderstorms brought widespread, but locally heavy rainfall to the area. Total precipitation amounts ranged from 4-6 inches over the Lower Delaware to 9-11 inches over the headwaters of the James.

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Upper Main Stem Susquehanna Basin

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